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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number					
Filing Date	July 1,2003				
First Named Inventor	Holmes				
Group Art Unit					
Examiner Name					
Attorney Docket Number	MO1 1500UD				

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	U.S. Patent Number	Document Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Cotumns, Lines, Where Relevant Passages or Relevant Figures Appear
HP.		5,278,955		Forte, et al.	01-11-1994	
		5,987,515		Ratcliff, et al.	11-16-1999	
		6,003,088		Houston, et al.	12-14-1999	
		6,453,294		Dutta, et al.	09-17-2002	
		6,463,078		Engstrom, et al.	10-08-2002	
		6.490.615		Dias, et al.	12-03-2002	
V		6,549,937		Auerbach, et al.	04-15-2003	
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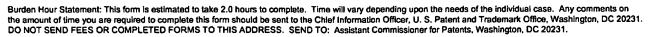
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	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ2				
H.P.		ROSENBERG, J., WEINBERGER, J., HUITEMA, C., MAHY, R., "STUN-Simple Traversal of User Datagram Protocol (UDP) Through Network Address Translators (NATs)," Request for Comments: 3489, Network Working Group, March 2003, pages 1-32, The Internet Society.					
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¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.





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PTO/SB/08A (08-03)

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Under the Paperwo ersons are required to respond to a collection of information unless it contains a valid OMB control number. ENT & TRAD Complete if Known Substitute for form 1449A/PTC **Application Number** 10/611,575 INFORMATION DISCLOSURE Filing Date 7/1/2003 STATEMENT BY APPLICANT First Named Inventor John S Holmes Art Unit 2154 **Examiner Name** (use as many sheets as necessary) MS1-1526US

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				Application Number	10/611,575	
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STATE	EMENT	BY APP	PLICANT	First Named Inventor	John S Holmes	
				Group Art Unit	2154	
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Sheet ·	2	of	2	Attorney Docket Number	MS1-1526US	

Examiner Initials* Cite No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbe publisher, city and/or country where published. Campbell B. et al. "Instant Message Sessions in SIMPLE", Internet-Draft, 30 June 2003 (2003-06-03).			
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H.S.		Handley, M. "Germ: Generic RTP Multiplexing" Internet Engineering Task Force, XX, XX, 1 November 1998 (1998-11-11), pages 1-7.	
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Cor	Complete if Known			
Application Number	10/611,575			
Filing Date	7/1/2003			
First Named Inventor	John S Holmes			
Art Unit	2154			
Examiner Name				
Attorney Docket Number	MS4 1526HS			

Examiner initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (F known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Translation is attached.
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H.P.		Application Serial Number 10/811,575; Holmes, et al.; Filed 07/01/2003.	
		Application Serial Number 10/611,599; Miller, et al.; Filed 07/01/2003.	
		Application Serial Number 10/987,396; Zlateff, et al.; Filed11/12/2004.	
	:	Application Serial Number 11/111,532; Zlateff, et al.; Filed 04/21/2005.	
·.		"New Tunneling Techniques", Cisco Systems, available online at www.cisco.com, accessed 06/06/2003, 3 pages.	
1		"The ABC's of IP Version 8: Understanding the Essentials Series", Cisco Systems, available online at www.cisco.com/go/abc, 76 pages.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Co	Complete if Known		
Application Number	10/611,575		
Filing Date	7/1/2003		
First Named Inventor	John S Holmes		
Art Unit	2154		
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Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (s known)}	U. S. PATENT Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
H.P.		^{US-} 20020184309	12/5/2002	Danker et al.	
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NON-PATENT LITERATURE DOCUMENTS

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